

**RULE 63 (37 C.F.R. 1.63)**  
**INVENTORS DECLARATION FOR PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SILICON CARBIDE FIBER SEAL FOR MI-CMC COMPOSITE COMPONENTS

the specification of which (check applicable box(es)):

☒ is attached hereto  
☐ was filed on \_\_\_\_\_ as U.S. Application Serial No. \_\_\_\_\_ Unassigned \_\_\_\_\_ (Atty. Dkt. No. 839-1272)  
☐ was filed as PCT International application No. \_\_\_\_\_ on \_\_\_\_\_  
 and (if applicable to U.S. or PCT application) was amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

Application Number

Country

Day/Month/Year Filed

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number

Day/Month/Year Filed

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below.

Prior U.S./PCT Application(s):


Application Serial No.

Day/Month/Year Filed

Status: patented  
pending, abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby ask that all correspondence in this matter be directed to:

**Customer Number: 23117**

1. Inventor's Signature:  X Date: 11/26/03 X  
 Inventor: Christopher Grace (first) MI (last) (citizenship)  
 Residence: (city) Simpsonville (state/country) South Carolina  
 Mailing Address: 411 Worchester Place, Simpsonville, South Carolina  
 (Zip Code) 29680

2. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Inventor: Mark Stewart Schroder (first) MI (last) (citizenship)  
 Residence: (city) Hendersonville (state/country) North Carolina  
 Mailing Address: 100 Bee Tree Way, Hendersonville, North Carolina  
 (Zip Code) 28739

[ ] See attached sheet(s) for additional inventor(s) information!!

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|    |  |             |
|----|--|-------------|
| 3. | Inventor's Signature: _____                                  | Date: _____ |
|    | Inventor: Paul Stephen Dimascio                              |             |
|    | (first) MI (last) (citizenship)                              |             |
|    | Residence: (city) Greer (state/country) South Carolina       |             |
|    | Mailing Address: 201 Sugar Creek Lane, Greer, South Carolina |             |
|    | (Zip Code) 29650   |             |
| 4. | Inventor's Signature: _____                                  | Date: _____ |
|    | Inventor: _____  |             |
|    | (first) MI (last) (citizenship)                              |             |
|    | Residence: (city) _____ (state/country) _____                |             |
|    | Mailing Address: _____                                       |             |
|    | (Zip Code) _____   |             |
| 5. | Inventor's Signature: _____                                  | Date: _____ |
|    | Inventor: _____  |             |
|    | (first) MI (last) (citizenship)                              |             |
|    | Residence: (city) _____ (state/country) _____                |             |
|    | Mailing Address: _____                                       |             |
|    | (Zip Code) _____   |             |
| 6. | Inventor's Signature: _____                                  | Date: _____ |
|    | Inventor: _____  |             |
|    | (first) MI (last) (citizenship)                              |             |
|    | Residence: (city) _____ (state/country) _____                |             |
|    | Mailing Address: _____                                       |             |
|    | (Zip Code) _____   |             |

FOR ADDITIONAL INVENTORS, check box [ ] and attach sheet with same information and signature and date for each.

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☐ was filed on \_\_\_\_\_ as U.S. Application Serial No. \_\_\_\_\_ Unassigned (Atty. Dkt. No. 839-1272)  
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Application Number

Day/Month/Year Filed

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Prior U.S./PCT Application(s):

Application Serial No.

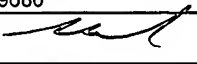
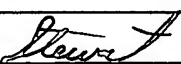

Day/Month/Year Filed

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 Inventor: Christopher Grace (first) MI (last) (citizenship)  
 Residence: (city) Simpsonville (state/country) South Carolina  
 Mailing Address: 411 Worchester Place, Simpsonville, South Carolina  
 (Zip Code) 29680

2. Inventor's Signature:    Date: 2/24/04  
 Inventor: Mark Stewart Schroder (first) MI (last) (citizenship)  
 Residence: (city) Hendersonville (state/country) North Carolina  
 Mailing Address: 100 Bee Tree Way, Hendersonville, North Carolina  
 (Zip Code) 28739

**[ ] See attached sheet(s) for additional inventor(s) information!!**

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3. Inventor's Signature: Paul Stephen DiMascio Date: 2/24/04  
Inventor: Paul Stephen Dimascio  
(first) MI (last) (citizenship)  
Residence: (city) Greer (state/country) South Carolina  
Mailing Address: 201 Sugar Creek Lane, Greer, South Carolina  
(Zip Code) 29650
4. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: \_\_\_\_\_  
(first) MI (last) (citizenship)  
Residence: (city) \_\_\_\_\_ (state/country) \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
(Zip Code) \_\_\_\_\_
5. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: \_\_\_\_\_  
(first) MI (last) (citizenship)  
Residence: (city) \_\_\_\_\_ (state/country) \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
(Zip Code) \_\_\_\_\_
6. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: \_\_\_\_\_  
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Residence: (city) \_\_\_\_\_ (state/country) \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
(Zip Code) \_\_\_\_\_

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

GRACE et al

Atty. Ref.: 839-1272

Serial No. Unassigned

Group: Unassigned

Filed:

Examiner: Unassigned

For: SILICON CARBIDE FIBER SEAL FOR MI-CMC  
COMPOSITE COMPONENTS

\* \* \* \* \*

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**EXCLUSIVE SUBSTITUTE POWER OF ATTORNEY  
AND EXCLUSIVE PROSECUTION HEREAFTER BY  
ASSIGNEE UNDER 37 C.F.R. §§ 1.36, 3.71 AND 3.73**

The undersigned being the owner of all right, title and interest in the above-identified patent application, hereby revokes all previous powers of attorney in this case, if any, and hereby appoints the attorneys of **Customer Number 30024** individually and collectively its attorneys to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith, and with the resulting patent.

I also authorize Nixon & Vanderhye to act and rely solely on instructions communicated from the person, attorney, firm or other organization sending instructions to Nixon & Vanderhye on behalf of the owner.


**Certificate Under 37 C.F.R. §3.73(b)**

I hereby certify that General Electric Company of 1 River Road, Schenectady, NY 12345 is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to the aforesaid assignee, a copy of the assignment being attached.

I have reviewed the documents in the chain of title of the patent application identified above, and to the best of my knowledge and belief, title is in the aforesaid assignee for which I am empowered to act in this matter.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**GENERAL ELECTRIC COMPANY**

|                  |   |
|------------------|---|
| <u>3/26/2003</u> | By: <u></u> |
| Date             | Name: Ernest G. Cusick  |
|                  | Title: Patent Counsel   |

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

GRACE et al

Atty. Ref.: 839-1272

Serial No. Unassigned

Group: Unassigned

Filed:

Examiner: Unassigned

For: SILICON CARBIDE FIBER SEAL FOR MI-CMC COMPOSITE  
COMPONENTS

\* \* \* \* \*

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**ATTN: LICENSING AND REVIEW**

**DECLARATION**

We, Christopher Grace, Mark Stewart Schroder, and Paul Stephen Dimascio,  
whose residences are set forth below next to our names, do hereby declare as follows:

1. That we made and conceived the invention described in the U.S. patent application identified above.
2. That we made and conceived this invention while employed by General Electric, a corporation of New York, and to whom we have assigned all right, title and interest by virtue of a previously-filed Assignment document; that the invention is related to the work we are employed to perform and was made within the scope of our duties; that the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of our employer, General Electric.
3. That to the best of our knowledge and belief the invention was not made or conceived in the course of, or in connection with, or under terms of any contract,

subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors, the Energy Research and Development Administration or the Department of Energy.

4. We declare further that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

\_\_\_\_\_  
Christopher Grace  
411 Worchester Place, Simpsonville, South  
Carolina 29680

Date: \_\_\_\_\_

\_\_\_\_\_  
Mark Stewart Schroder  
100 Bee Tree Way, Hendersonville, North  
Carolina 28739

Date: September 8, 2003

\_\_\_\_\_  
Paul Stephen Dimascio  
201 Sugar Creek Lane, Greer, South  
Carolina 29650

Date: Sept 8, 2003



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

GRACE et al

Atty. Ref.: 839-1272

Serial No. Unassigned

Group: Unassigned

Filed:

Examiner: Unassigned

For: SILICON CARBIDE FIBER SEAL FOR MI-CMC COMPOSITE  
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\* \* \* \* \*

Assistant Commissioner for Patents  
Washington, DC 20231

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3. That to the best of our knowledge and belief the invention was not made or conceived in the course of, or in connection with, or under terms of any contract,

subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors, the Energy Research and Development Administration or the Department of Energy.

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Christopher Grace

411 Worchester Place, Simpsonville, South  
Carolina 29680

Date:

11/26/03



Mark Stewart Schroder

100 Bee Tree Way, Hendersonville, North  
Carolina 28739

Date:

Paul Stephen Dimascio

201 Sugar Creek Lane, Greer, South  
Carolina 29650

Date: